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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

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	Complete if Known		
Application No.	10/826,973		
Filing Date	April 16, 2004		
First Named Inventor	Gregory E. Niles		
Art Unit	2673		
Examiner Name	Not Yet Known		
Attorney Docket Number	P.3331US1 (18602-08906)		

	U.S. PATENT DOCUMENTS						
		Document No.					
Examiner Initials*	Cite No.1	Number – Kind Code² (if known)	Date MM-YYYY	Name of Patentee or Applicant of Cited Document			
JMR	A1	US-4,841,291	06-20-1989	Swix et al.			
·JMR	A2	US-5,261,041	11-09-1993	Susman			
JME	A3	US-6,317,128	11-13-2001	Harrison et al.			

			FOREIGN PATENT	DOCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁸
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		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T [®]
-	Cl	APPLE COMPUTER, INC., "Tiger Developer Overview Series: Developing	
.		with Core Image," April 29, 2005, [Retrieved on May 3, 2005], Retrieved from	
JMK	ļ	the Internet URL: http://developer.apple.com/macosx/coreimage.html.	
	C2	APPLE COMPUTER, INC., "Core Video Programming Guide," 2004-2005,	
	ŀ	[Retrieved on May 3, 2005], Retrieved from the Internet URL:	
Juit		http://developer.apple.com/documentation/GraphicsImaging/Conceptual/CoreVideo/CoreVideo.pdf.	
	C3	APPLE COMPUTER, INC., "Final Cut Pro 5: Real-time editing for DV, SD, HD	
JMR		and film," [Retrieved on May 2, 2005], Retrieved from the Internet URL: http://www.apple.com/finalcutstudio/finalcutpro/.	
	C4	APPLE COMPUTER, INC., "Technical Specifications for Shake 4," [Retrieved	
JMR	ĺ	on May 3, 2005], Retrieved from the Internet URL:	
		http://www.apple.com/shake/specs.html.	

Examiner Signature	Date Considere	2/16/2006
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INEO	DAMATION	I DISC	LOSURE	Application No.	10/826,973	
_			-	Filing Date	April 16, 2004	
STATEMENT BY APPLICANT				First Named Inventor	Gregory E. Niles	
				Art Unit	2673	
				Examiner Name	Not Yet Known	
Sheet	2	of	3	Attorney Docket Number	P3331US1 (18602-08906)	フ

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
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, is	C5	DAZ® PRODUCTIONS, INC., "BRYCE 5.0 User Guide for Macintosh® and	
JMR		Windows®," 2004, [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://brygadaz3d.com/Bryce5 Manual_DAZ.pdf.	
	C6	DIGIMATION, inc., "Particle Studio," 1996-2003, [Retrieved on April 27,	
1000	- A	2005], Retrieved from the Internet URL:	
1 JWB:	ļ	http://www.digimation.com/software/asp/product_asp?product_id=63.	
	C7	DINERSTEIN, JONATHAN and EGBERT, PARRIS K., "Improved Behavioral	
JMR		Animation Through Regression," Proceedings of Computer Animation and Social	
0,112	Į.	Agents (CASA) Conference, 2004, pp. 231-238.	
•	C8	EYEON SOFTWARE INC., "Products: Digital Fusion 4: Fusion 5 Upgrades,"	
		[Retrieved on April 27, 2005], Retrieved from the Internet URL:	
JWK		http://eyeonline.com/Web/EyeonWeb/Products/digital_fusion/digital_fusion.aspx	
	C9	LITWINOWICZ, PETER C., "Inkwell: A 2 1/2-D Animation System," Computer	
TWA		Graphics, Vol. 25, No. 4, July 1991, pp. 113-122.	
	C10	MACROMEDIA, INC., "DIRECTOR®MX 2004: Using Director," September	
		2004, [Retrieved on April 27, 2005], Retrieved from the Internet URL:	
JMC		http://download.macromedia.com/pub/documentation/en/director/mx2004/using_	
0		drmx2004.pdf.	
	C11	MACROMEDIA, INC., "Using Director MX 2004 behaviors," [Retrieved on	
		April 27, 2005], Retrieved from the Internet URL:	
JMR		http://download.macromedia.com/pub/documentation/en/director/mx.2004/drmx2	ļ
		004_behaviors.pdf.	
٠ ـ ا	C12	REYNOLDS, CRAIG W., "Flocks, Herds, and Schools: A Distributed	
JWN		Behavioral Model," Computer Graphics, Vol. 21, No. 4, July 1987, pp. 25-34.	
	C13	AVID TECHNOLOGY, INC., "Softimage® XSI®, "Version 4.2: New Features,"	
\me		November 2004 [Retrieved on April 27, 2005], Retrieved from the Internet URL:	
5		http://www.softimage.com/products/xsi/v42/Documentation/features.pdf.	

Examiner Signature A MI Police	Date Considered 2/16/0C
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P3331US1 (18602-08906)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Application No. 10/826,973

Filing Date April 16, 2004

First Named Inventor Gregory E. Niles

Art Unit 2673

Attorney Docket Number

Examiner Name

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		OTHER REFERENCES. MON PATENT LITERATURE ROCKMENTS	
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Initials*	Cite No. ¹	journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T⁰
•	C14	THALMANN, DANIEL, "Physical, Behavioral, and Sensor-Based Animation,"	
RMC	٠.	Proceedings of the 6th International Conference on Computer Graphics & Vision	
Sink		(GraphiCon), St. Petersburg, Russia, 1996, pp. 214-221.	
	C15	TU, XIAOYUAN, "Behavioral Animation," January 1996, [Retrieved on March	
JWK	•	16, 2005], Retrieved from the Internet URL:	
3		http://www.dgp.toronto.edu/people/tu/thesis/node35.html.	
	C16	VIRTOOLS SA, "Virtools™ Dev: Develop Online and Offline Applications	
		With Rich Interactivity," [Retrieved on April 27, 2005], Retrieved from the	ŀ
JMR		Internet URL:	
•		http://www.virtools.com/solutions/products/pdfs/VirtoolsDev_3.pdf.	
. 104 1/	C17	VITAL IDEA INC., "Products:Crowd!®," 2004 [Retrieved on May 3, 2005],	
OMR		Retrieved from the Internet URL: http://vitalidea.com/products/crowd/.	İ
	C18	WILDFORM, INC., "WildfxPro: Wild FX Pro Video Titling and Text Animation	
		Software," 2005 [Retrieved on May 3, 2005], Retrieved from the Internet URL:	
JMR		http://www.wildform.com/wildfx/wildfxpro.php?sid=DCD9-2B90-	
O . (*)		420a8e669f030&ref=.	}
	C19	WONDERTOUCH, LLC, "particleIllusion 3.0 Guide," [Retrieved on April 27,	
JMR		2005], Retrieved from the Internet URL:	
21		http://www.wondertouch.com/downloads/updates/Manual_301.zip.	
	C20	ZIAUDDIN, ISMAIL, "Behavioral Animation," January 2001 [Retrieved on	
JMR		March 16, 2005], Retrieved from the Internet URL:	
31.3		http://www.gignews.com/behavioral_animation.htm.	

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RADEMAR Substitute for form 1449A/PTO Complete if Known Application No. 10/826,973 INFORMATION DISCLOSURE Filing Date April 16, 2004 STATEMENT BY APPLICANT **First Named Inventor** Gregory E. Niles Art Unit 2671 **Examiner Name** Ulka J. Chauhan Sheet of Attorney Docket Number P3331US1 (18602-08906)

			U.S. PATENT DO	CUMENTS
		Document No.	1	
Examiner Initials*	Cite No.1	Number – Kind Code² (if known)	Date MM-DD-YYYY	Name of Patentee or . Applicant of Cited Document
JMR	A1	US 5,544,295	08-06-1996	Capps
JME	A2	US 5,596,694	01-21-1997	Capps

			FOREIGN PATENT DOCU	MENTS		
		Foreign Patent Document			,	
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JMR	C1	Apple Computer, Inc., "Motion Product Overview", [online], June 2004 [Retrieved on September 5, 2005] Retrieved from the Internet: <url: http:="" images.apple.com="" motion="" motion_po_20040615.pdf="" pdf="">.</url:>	
JMR	C2	PCT Invitation to Pay Additional Fees/Partial International Search; PCT/US2005/012735, September 30, 2005.	
JMR	СЗ	"Scalable Vector Graphics (SVG) 1.1 Specification, Chapter 19", [online], January 14, 2003 [Retrieved on September 5, 2005] Retrieved from the Internet: <url: animate.html#animation-mod="" http:="" svg="" tr="" www.w3.org="">.</url:>	

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		Document No.	Ţ		
Examiner Initials*	Cite No.	Number – Kind Code² (if known)	Date MM-YYYY	Name of Patentee or Applicant of Cited Document	
JMR	A1	US-5,923,561	07-13-1999	Higasayama et al.	
JME	A2	US-5,717,848	02-10-1998	Watanabe et al.	
JMR	A3	US-5,513,303	04-30-1996	Robertson et al.	

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document			
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JMR	C1	BRENNAN, J. ET AL., Boris FX Version 7.0 User Guide, October 2003, USA	<u> </u>	
	C2	MAY, STEPHEN F., "Encapsulated Models: Procedural Representations for		
JMR		Computer Animation", Ph. D. Dissertation, Department of Computer and	1	
•		Information Science, Ohio State University, 1998		

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